

## Working with IM parameters

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### Establish IM parameters

This document will introduce IM parameters. Generally, Applicants only need to fill common parameters, but one dossier can contain national IM dossier level parameters and path section parameters too. These IM parameters can be established by each IM. In PCS, click on the top to "**Administration**" menu, "**IM parameters**" where all predefined IM parameters listed for the selected timetable period:

### Im Parameters + Im Parameters

Timetable period:  Parameter name:

**Existing IM parameters for the selected TT period**

|                          | Parameter name   | Level              | Mandatory | Show when | Train type |
|--------------------------|--|--------------------|-----------|-----------|------------|
| <input type="checkbox"/> | Handbrake %  | path section level | ...       |           | ...        |
| <input type="checkbox"/> | Number of carriages  | path section level | ...       |           | ...        |
| <input type="checkbox"/> | Request service: (05)<br>Ensuring access to wagon weight bridges | path section level | ...       |           | ...        |
| <input type="checkbox"/> | (05) 1. Operational point  | path section level | ...       |           | ...        |

#### Agency parameter

Parameter name: **Handbrake %**      Parameter type: number

Min number of digits (>=1): 1      Max number of digits (<=12): 3

Description: Handbrake percentage

Dossier level:        Visibility:

Mandatory:        Nested Conditional:

Mandatory Exception: [no selection]      [no selection]

Click to view further details

Update\edit existing parameters

Certain IMs don't have specific IM parameters, but they can set up new parameters according to their business needs until the final major release (usually between the first and third Monday in November). Once a parameter is defined it will always apply for the next timetable period. Continue, with how to create a new IM agency parameter:

### Im Parameters

Timetable period: 2020

Parameter name:

| <input type="checkbox"/> | Parameter name  | Level              | Mandatory |
|--------------------------|---|--------------------|-----------|
| <input type="checkbox"/> | Handbrake %   | path section level | ...       |
| <input type="checkbox"/> | Number of carriages   | path section level | ...       |
| <input type="checkbox"/> | Request service: (05) Ensuring access to wagon weight bridges | path section level | ...       |
| <input type="checkbox"/> | (05) 1. Operational point                                     | path section level | ...       |
| <input type="checkbox"/> | (05) 2. Starting time base                                    | path section level | ...       |

Click to create an IM parameter + Im Parameters

**Define the new parameter**

Create new agency parameter ✕

Parameter name:  ?

Parameter type:  ?

Description:

**Define parameter values**

Dossier level:

Visibility:

Mandatory:

**Change the default values if needed**

**Nested Conditional more options**

Im Parameters

Request service: (09) Ou...

Train type

## Fields

- Timetable period: not editable, generated by the system
- Parameter name: Name of the parameter
- Parameter type: for the selected parameter type the appropriate fields are displayed
  - String: text field
  - Single choice list
  - Multiple choice list
  - Number: limit the number format and add min. – max. values
  - Date
  - Time
  - Datetime

The system will assist to fill in the parts that are not filled. If the single or the multi-choice list selected, then an extra field appears, and IM can define a default value.

- Description: IM should add an explanation for the parameter. You can use your native language, but please, use English as well to make it possible to understand the purpose of the parameter for foreign Applicants too. The description of the parameter appears later on the GUI as a tooltip.

- Dossier level: It means the Applicant doesn't need to enter it for all operation point, it is enough to enter it only once on the dossier level.
  - Dossier level
  - Path section level appears by default
- Visibility: generally, every IM parameter and its value is visible for all participants in the dossier. However, an IM can set a parameter to be hidden and in this case, it will be visible only for his Applicant pair.
  - Visible
  - Hidden (default)
- Mandatory: IM can define a parameter to be mandatory, except another parameter has been fulfilled by the Applicant.
  - Mandatory
    - Mandatory exception (needs to fill if 'Mandatory' is selected)
  - Optional (default)
- Nested Conditional: This is the case for a field that is presented to the Applicant only in the case another field has a special value. This field, therefore, depends on the existence of value in another field.
  - Enable – if this radio button is clicked
    - IM Parameters
    - Train Type
      - Passenger/Cargo
  - Disable (default)

Once the parameter is defined and all required information filled the system will offer **Copy to next timetable period**.

## Common mandatory parameters

Since version 1.9.0.1 IMs have the opportunity that the optional common parameters can be set to mandatory. Go to the **Administration** menu, **Common Mandatory Parameters**:

### Common Mandatory Parameters

Timetable period Select timetable period

Train type Select train type

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Activity type Indicates default mandatory parameter \*  
 [no selection]

Location types Indicates optional parameter  
 [no selection]

Comment

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#### TRACTION DETAILS

Loco type number [no selection] \*

Traction mode [no selection] \*

Train cc system [no selection]

Train radio system [no selection]

Traction weight

Traction length

Traction max speed

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Push-Pull train

Type of service

Traffic type

...

...

...

|   |   |   |   |
|---|---|---|---|
| <input type="checkbox"/> Train weight               | * | <input type="checkbox"/> Weight carriages set | * |
| <input type="checkbox"/> Train length               | * | <input type="checkbox"/> Length carriages set | * |
| <input checked="" type="checkbox"/> Train max speed |   | <input type="checkbox"/> Planned speed        |   |
| <input type="checkbox"/> Route class [no selection] |   | <input type="checkbox"/> Max axle weight      |   |

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|  |  |
|--|--|
| <input type="checkbox"/> Container profile P | <input type="checkbox"/> Container profile C |
|--|--|

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**DANGEROUS GOODS INDICATION**

|   |   |
|---|---|
| <input type="checkbox"/> Hazard Number          | <input type="checkbox"/> UN Material Number         |
| <input type="checkbox"/> RID Classification     | <input type="checkbox"/> Weight of dangerous good   |
| <input type="checkbox"/> Dangerous Goods Volume | <input type="checkbox"/> Limited Quantity Indicator |
| <input type="checkbox"/> Danger Label           |   |

**PACKAGE GROUP**

1 |

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|   |   |
|---|---|
| <input type="checkbox"/> Brake type [no selection]                      | <input type="checkbox"/> Braking ratio            |
| <input type="checkbox"/> Minimum braked weight percentage claimed by IM | <input type="checkbox"/> Braking weight           |
| <input type="checkbox"/> Exception gauging ident [no selection]         | <input type="checkbox"/> Emergency brake override |

IMs can define different parameter settings for passengers and freight trains too by selecting the train type. The train attributes aren't editable (weight, length, max speed.) then the changes can be applied to those fields where an Asterix symbol (\*) appears. Please note that the parameter itself cannot be removed only the optional/mandatory status can be changed.

**Colour coding**

- Normal checkbox: it means that currently, the parameter is **optional** for that train type
- Grayed-out checkbox, brown: it means that currently, the parameter is **mandatory** for that train type

To choose between the color, click on the Asterix (\*) symbol. Finally, when all information entered then you need to Save to complete the configuration.

Please note that any changes to the configuration for the selected timetable period will affect the individual dossiers!

## Applicants: Working with IM parameters

Applicants can check which IM parameter is defined by which agency. Go to the **Administration** menu. **IM parameters**:

| Parameter name                 | Level         | Mandatory                   | Show when | Train type |   |
|--------------------------------|---------------|-----------------------------|-----------|------------|---|
| D07 - Fax Besteller            | Dossier level | ▲ D01 - Vertriebskanal: TPN | ---       | ---        | ⋮ |
| D08 - Art des Zuges            | Dossier level | ▲ D01 - Vertriebskanal: TPN | ---       | ---        | ⋮ |
| D09 - Betreuer RB              | Dossier level | ▲ D01 - Vertriebskanal: TPN | ---       | ---        | ⋮ |
| MyNewParameter                 | Dossier level | ---                         | ---       | Cargo      | ⋮ |
| D13 - Gefahrgut-Ganzzug        | Dossier level | ---                         | ---       | Cargo      | ⋮ |
| D14 - Verkehrsart Kunde Zusatz | Dossier level | ---                         | ---       | Passenger  | ⋮ |

**Menu stays on the top when scrolling up-down**

**Disabled nested conditional**

**Mandatory parameter**

**Optional parameter**

**Enabled nested conditional option without any specific parameter**

**Train type is defined**

**Click for details**

The above screenshot shows that already filtered out for the DB-Netz agency. Click on the "More" icon at the end of the item row then the system provides a detailed description of each parameter.

To see IM parameter in the dossier you need to choose a dossier > Applicant Timetable > Choose a path section > and there the IM parameters will appear.

**Applicant Timetable** Select timetable

TERRITORIES CALENDAR PATH VARIANTS

Switch view to: Standard view manual automatic, UTC Offset

LTE-HU / VPE Select a Subpath

**S1 Default route**  
 GYOER → HEGYESHALOM  
 13.12.2020 - 11.12.2021 (1-7)

**S1 Default route** PCS Path ID 488939 Edit Add PaP TSI Variant ID 00

| Arrival | Departure | Operation Point  |
|---------|-----------|--|
|         | 08:00     | <b>GYOER</b> <span>Select an operation point</span><br>Other stop reason (miscellaneous) |
|         | 09:00     | GYOERTELEK   |
|         | 10:30     | HEGYESHALOM  |

**GYOER** Select an operation point

Other stop reason (miscellaneous) Edit train parameters

Common train parameters +

Im Parameters Expand IM parameters -

- MyNewParameter [no selection]
- Request service: (05) [no selection]  
Ensuring access to wagon weight bridges
- Request service: (09) [no selection]  
Outdoor train acceptance
- Request service: (36) [no selection]  
Shunting of its own
- Request service: (44) [no selection]  
Ensuring staff for shunting

- Print
  - Printer-friendly version
  - Send by email
  - PDF version

**Details**

**State:** Published  
**Topic:** [General](#)  
[Functions](#)  
**Area:** [Training](#)  
**Release:** [2.x](#)  
**Company:** [All](#)  
**Type:**  
**Keywords:** [template](#)  
[manager](#)  
[IM parameters](#)

- Translations

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No translations

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